IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application Nos:

09/982,383	10/115,759
10/277,039	10/404,871
10/963,877	08/758,709
09/390,966	09/495,731
11/151,183	10/097,091
10/093,681	09/694,650
11/058,116	10/369,389
12/143,243	09/696,525
08/865,276	11/713,119
08/940,578	09/307,199
09/305,263	09/220,184
09/545,205	09/551,969
09/322,891	09/482,295
09/322,270	09/781,614
09/956,392	07/510,930
10/118,705	10/872,094
10/368,962	11/273,097
10/875,025	09/253,173
08/758,710	08/013,614

Customer No.: 30678

Revocation and Power of Attorney

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

All previous powers of attorney and authorizations of agent are hereby revoked, and the undersigned hereby appoints the attorneys and agents of Connolly Bove Lodge & Hutz LLP associated with U.S. Patent and Trademark Office ("PTO") Customer Number 30678 to prosecute these applications and any U.S., foreign, or international applications under the Patent Cooperation Treaty based on them and to transact all business in the PTO connected therewith, and to receive all communications from the PTO, including the patent documents. Further details about each application are found in the Appendix to this paper. The authority under this

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Power of Attorney of each person listed under the aforementioned PTO Customer Number shall automatically terminate and be revoked upon such person ceasing to be associated with Connolly Bove Lodge & Hutz LLP.

Designation of Correspondence Address

Please send all notices, official letters, documents, communications, and other correspondence regarding these applications to:

Connolly Bove Lodge & Hutz LLP
1875 Eye Street NW, Suite 1100
Washington, DC 20006

or to the address currently associated with PTO Customer Number 30678. Please also record the respective Attorney Docket Numbers in the attached appendix in any applicable databases.

Certificate Under 37 C.F.R. § 3.73(b)

The Aerospace Corporation is the assignee of the entire right, title, and interest in these applications by virtue of an assignment from the inventors to The Aerospace Corporation. To the best of the undersigned's knowledge and belief, the title is in the name of said assignee. The undersigned, whose title is supplied below, is empowered to sign the certificate on behalf of The Aerospace Corporation.

Signed: ~~Robert Donald Matthews~~   Date: Nov. 20, 2008
Name: Robert Donald Matthews
Title: Assistant General Counsel
Authorized Person for The Aerospace Corporation

APPENDIX: DETAILS OF LISTED APPLICATIONS

Appln. No.	Confirmation No.	Patent No.	Filing Date	First Named Inventor	Title	Attorney Docket No.
09/982,383	7672	7145972	10/18/2001	Rajendra Kumar	Polyphase Channelization System	27592-00757-US
10/277,039	5181	7127000	10/21/2002	Charles Chiming Wang	Turbo Decoding System Using Nth Root Metrics For Non-Gaussian Communication Channels	27592-00758-US
10/963,877	2911	7098848	10/12/2004	David A. Ksienski	Phased Array Antenna Intermodulation Suppression Beam Smearing Method	27592-00759-US
09/390,966	7870	7072414	9/7/1999	Gee L. Lui	Gaussian Minimum Shift Heying (Gmsk) Precoding Communications Method	27592-00760-US
11/151,183	5386	7071862	6/10/2005	John R. Scarpulla	Transmission Line Analog To Digital Converter	27592-00761-US
10/093,681	4469	6680648	3/8/2002	Tien M. Nguyen	High Power Amplifier Predistorter System	27592-00762-US1
11/058,116	4474	7064710	2/15/2005	David A. Ksienski	Multiple Beam Steered Subarrays Antenna System	27592-00763-US1
08/865,276	8223	5937006	5/28/1997	Christopher Jos. Clark	Frequency Translating Device Transmission Response Method	27592-00770-US1
12/143,243	8992	N/A	6/20/2008	David A. Ksienski	Multiple Beam Steered Subarrays Antenna System	27592-00763-US2
08/940,578	5076	6064694	9/30/1997	Christopher Joseph Clark	Frequency Translating Device Transmission Response Method	27592-00770-US2
09/305,263	1863	6041077	5/4/1999	Christopher Joseph Clark	Frequency Translating Device Transmission Response Method	27592-00770-US3
09/545,205	Need Conf. #		4/7/2000	Need Inventor	Frequency Translating Device Transmission Response Method	27592-00770-US4
09/322,891	8585	6127899	5/29/1999	Christopher Patrick Silva	High Frequency Anharmonic Oscillator For The Generation Of Broadband Deterministic Noise	27592-00771-US1

Appln. No.	Confirmation No.	Patent No.	Filing Date	First Named Inventor	Title	Attorney Docket No.
09/322,270	7746	6211663	5/28/1999	Andrew Alfred Moulthrop	Baseband Time-Domain Waveform Measurement Method	27592-00772-US1
09/956,392	1825	6476739	9/18/2001	Gee L. Lui	Method And Processing System For Estimating Likelihood Ratios For Input Symbol Values	27592-00773-US1
10/118,705	7951	6845951	4/8/2002	Paul Andrew Herman	Method Of Controlling Pointing For A Flexible Structure	27592-00774-US1
10/368,962	4239	6907052	02/19/03	David Kozlowski	Tunable Optical Local Oscillator	27592-00169-US1
10/875,025	9714	6937186	06/22/04	Robert Dybdal	Main Beam Alignment Verification Tracking Antennas	27592-00170-US1
08/758,710	6235	5781845	12/03/96	Robert Dybdal	Adaptive Transmitting Atenna	27592-00171-US1
10/115,759	2337	6804493	04/03/02	Tien Nguyen	Mobile Surface Terminal Communication System	27592-00172-US1
No Appl. No.					Mobile Surface Terminal Communication System	27592-00172-US2
10/404,871	6222	6,888,515	03/31/03	Ivan Bekey	Adaptive Reflector Antenna And Method For Implementing The Same	27592-00173-US1
08/758,709	6232	5,739,788	12/03/96	Robert Dybdal	Adaptive Receiving Antenna For Beam Repositioning	27592-00174-US1
09/495,731	5231	6,725,012	02/01/00	Siegfried Janson	Method For Deploying An Orbiting Sparse Array Antenna	27592-00175-US1
10/097,091	9910	6,731,240	03/11/02	Robert Dybdal	Method Of Tracking A Signal From A Moving Signal Source	27592-00176-US1
09/694,650	1584	6,771,713	10/24/00	Gee Lui	Data Aided Carrier Phase Tracking System For Precoded Continuous Phase Modulated Signals	27592-00177-US1
10/369,389	4618	6,778,317	02/19/03	John Hurrell	Optical Fiber Quadrature Demodulator	27592-00178-US1

Appln. No.	Confirmation No.	Patent No.	Filing Date	First Named Inventor	Title	Attorney Docket No.
09/696,525	4895	6862324	10/23/00	Gee Lui	Data Aided Symbol Timing System For Precoded Continuous Phase Modulated Signals	27592-00179-US1
11/713,119	1225		02/28/07	Gee Lui	Data Aided Symbol Timing System For Precoded Continuous Phase Modulated Signals	27592-00179-US2
09/307,199	4524	6177836	05/07/99	Albert M. Young	Feed Forward Linearized Traveling Wave Tube	27592-00180-US1
09/220,184	3826	6816026	12/22/98	Robert Dybdal	Orthogonal Polarization And Frequency Selectable Waveguide Using Rotatable Waveguide	27592-00181-US1
09/551,969	2245	6724840	04/15/00	Samuel Osofsky	Adaptive Interference Cancellation Method	27592-00202-US1
09/482,295	6788	6693979	01/13/00	Rajendra Kumar	Adaptive Smoothing System For Fading Communication Channels	27592-00203-US1
09/781,614	3808	6421008	02/12/01	Robert Dybdal	Method To Resolve Interferometric Ambiguities	27592-00204-US1
07/510,930	4571	5052780	04/19/90	Christopher F. Klein	Dichroic Beam Splitter	27592-00210-US1
10/872,094	2034	6965343	06/17/04	Robert Dybdal	System And Method For Antenna Tracking	27592-00211-US1
11/273,097	3342		11/14/05	Robert Dybdal	System And Method For Antenna Tracking	27592-00211-US2
09/253,173	5303	6175808	02/19/99	Jason Checksen Chai	Lightning Effects Monitoring And Retest Evaluation Method	27592-00212-US1
08/013,614	8689	5440308	02/12/87	Jun Yamamoto	Apparatus And Method For Employing Adaptive Interference Cancellation Over A Wide Bandwidth	27592-00214-US1